

PATENT COOPERATION TREATY

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INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY
(Chapter II of the Patent Cooperation Treaty)

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference FR920030013/GIT	FOR FURTHER ACTION	
	See Form PCT/IPEA/416	
International application No. PCT/EP2004/002398	International filing date (day/month/year) 13.02.2004	Priority date (day/month/year) 27.03.2003
International Patent Classification (IPC) or national classification and IPC G06F17/22, G06F17/27		
Applicant INTERNATIONAL BUSINESS MACHINES CORPORATION et al.		

<p>1. This report is the international preliminary examination report, established by this International Preliminary Examining Authority under Article 35 and transmitted to the applicant according to Article 36.</p> <p>2. This REPORT consists of a total of 6 sheets, including this cover sheet.</p> <p>3. This report is also accompanied by ANNEXES, comprising:</p> <p>a. <input type="checkbox"/> (<i>sent to the applicant and to the International Bureau</i>) a total of sheets, as follows:</p> <ul style="list-style-type: none"> <input type="checkbox"/> sheets of the description, claims and/or drawings which have been amended and are the basis of this report and/or sheets containing rectifications authorized by this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions). <input type="checkbox"/> sheets which supersede earlier sheets, but which this Authority considers contain an amendment that goes beyond the disclosure in the international application as filed, as indicated in item 4 of Box No. I and the Supplemental Box. <p>b. <input type="checkbox"/> (<i>sent to the International Bureau only</i>) a total of (indicate type and number of electronic carrier(s)) , containing a sequence listing and/or tables related thereto, in computer readable form only, as indicated in the Supplemental Box Relating to Sequence Listing (see Section 802 of the Administrative Instructions).</p>
<p>4. This report contains indications relating to the following items:</p> <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Box No. I Basis of the opinion <input type="checkbox"/> Box No. II Priority <input type="checkbox"/> Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability <input type="checkbox"/> Box No. IV Lack of unity of invention <input checked="" type="checkbox"/> Box No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement <input type="checkbox"/> Box No. VI Certain documents cited <input type="checkbox"/> Box No. VII Certain defects in the international application <input type="checkbox"/> Box No. VIII Certain observations on the international application

Date of submission of the demand 19.04.2004	Date of completion of this report 01.03.2005
Name and mailing address of the International Preliminary examining authority:  European Patent Office - Gitschner Str. 103 D-10958 Berlin Tel. +49 30 25901 - 0 Fax: +49 30 25901 - 840	Authorized Officer Triest, J Telephone No. +49 30 25901-431



**INTERNATIONAL PRELIMINARY REPORT
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International application No.
PCT/EP2004/002398

Box No. I Basis of the report

1. With regard to the **language**, this report is based on the international application in the language in which it was filed, unless otherwise indicated under this item.
 - This report is based on translations from the original language into the following language, which is the language of a translation furnished for the purposes of:
 - international search (under Rules 12.3 and 23.1(b))
 - publication of the international application (under Rule 12.4)
 - international preliminary examination (under Rules 55.2 and/or 55.3)
2. With regard to the **elements*** of the international application, this report is based on (*replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report*):

Description, Pages

1-17. as originally filed

Claims, Numbers

1-10 as originally filed

Drawings, Sheets

1/2-2/2 as originally filed

- a sequence listing and/or any related table(s) - see Supplemental Box Relating to Sequence Listing

- The amendments have resulted in the cancellation of:
 - the description, pages
 - the claims, Nos.
 - the drawings, sheets/figs
 - the sequence listing (*specify*):
 - any table(s) related to sequence listing (*specify*):
- This report has been established as if (some of) the amendments annexed to this report and listed below had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).
 - the description, pages
 - the claims, Nos.
 - the drawings, sheets/figs
 - the sequence listing (*specify*):
 - any table(s) related to sequence listing (*specify*):

* If item 4 applies, some or all of these sheets may be marked "superseded."

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Box No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

1. Statement

Novelty (N)	Yes:	Claims	2-6,9-10
	No:	Claims	1,7,8
Inventive step (IS)	Yes:	Claims	5-6
	No:	Claims	1-4,7-10
Industrial applicability (IA)	Yes:	Claims	1-10
	No:	Claims	

2. Citations and explanations (Rule 70.7):

see separate sheet

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Re Item I.

The examination is being carried out on the **following application documents**:

Description, Pages

1-17 as originally filed

Claims, Numbers

1-10 as originally filed

Drawings, Sheets

1/2-2/2 as originally filed

Re Item V.

1

The following documents are referred to in this communication:

D1 : FR 2 826 753 A (CANON KK) 3 January 2003 (2003-01-03)

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INDEPENDENT CLAIM 1

The present application does not meet the criteria of Article 33(1) PCT, because the subject-matter of claim 1 is not new in the sense of Article 33(2) PCT.

Document D1 discloses (the references in parenthesis applying to this document):

a method for optimizing tag based protocol stream parsing (*cf. page 4, lines 8-11*), using a reference tag table comprising at least one tag and a corresponding function name (*cf. page 4, lines 12-16*), said method comprising, each time a tag is read from

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said tag based protocol stream (*cf. page 4, lines 19-20*), the steps of:

- comparing said read tag and the tags of said reference tag table and (*cf. page 4, lines 21-22; fig. 1, step E21*),
- if said read tag belongs to said reference tag table, determining if a function name is associated to said tag belonging to said reference tag table (*cf. page 4, lines 23-25*) and,
- if a function name is associated to said tag belonging to said reference tag table, executing the function corresponding to said function name associated to said tag belonging to said reference table (*cf. fig 1, step E29*).

These are all the features of present claim 1 which is thus not new.

DEPENDENT CLAIMS 2-4, 7-8

Dependent claims 2-4 and 7-8 do not contain any features which, in combination with the features of any claim to which they refer, meet the requirements of the PCT in respect of novelty and/or inventive step (Article 33(2) and (3) PCT), the reasons being as follows:

Claims 2-4: Attributes to tags are well known and part of most markup languages. It is thus obvious, to include them as additional options in said reference tag table. As attributes are normally used as parameters it is also not inventive to use their values as parameters for said functions in said reference tag table.

Claims 7-8: The additional features of claims 7-8 are also disclosed in D1 (*cf. page 3, lines 15-23*). They are thus not new.

DEPENDENT CLAIMS 5-6

Dependent claims 5-6 relate to specific functions that allow the parser to skip or save in memory a determined amount of data.

These features are not disclosed in the prior art and therefore novel.

The problem solved by these differentiating features is to enable systems to interpret arbitrary large files within given memory constraints.

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None of the available prior art discloses or suggests to do this in a manner as described by the differentiating features. Therefore, claims 5-6 are inventive.

INDEPENDENT CLAIMS 9-10

Independent claims 9 for a system and 10 for a medium refer back to claim 2. Thus, the same reasoning as above applies.